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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: R. Palmgren, et al. Group Art Unit: To be assigned  
Serial Number: 09/863,786 Examiner: To be assigned  
Filing Date: May 23, 2001  
Title: Peptide Fragmentation

**FIRST PRELIMINARY AMENDMENT**

Honorable Assistant Commissioner of Patents and Trademarks  
Washington, D.C. 20234

Sir:

In connection with the captioned application, please consider the following amendments and remarks.

**In the Specification**

Please amend the paragraph at page 9, lines 13-30, as follows:

1. Peptide extract in 240 [ ]  $\mu$ L solution (50% acetonitrile).
2. Concentrate to about 25 [ ]  $\mu$ L on a speed vac.
3. Add DIEA, guanidinate lysine side-chains overnight at RT (basic).
4. Add HCl, cleanup on a C<sub>18</sub> [ ]  $\mu$ ZipTip™ (acidic).
5. Dry completely to remove water.
6. Reconstitute in 10 [ ]  $\mu$ L THF:DIEA 19:1 (basic).
7. Add 2 [ ]  $\mu$ L reagent (2 [ ]  $\mu$ L neat chlorosulfonylacetyl chloride in 1 mL THF).
8. React 1 to 2 min. at RT.

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